

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111139.D
 Acq On : 6 Dec 2018 15:35
 Operator : JU/SJ
 Sample : J6233-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 16:47:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

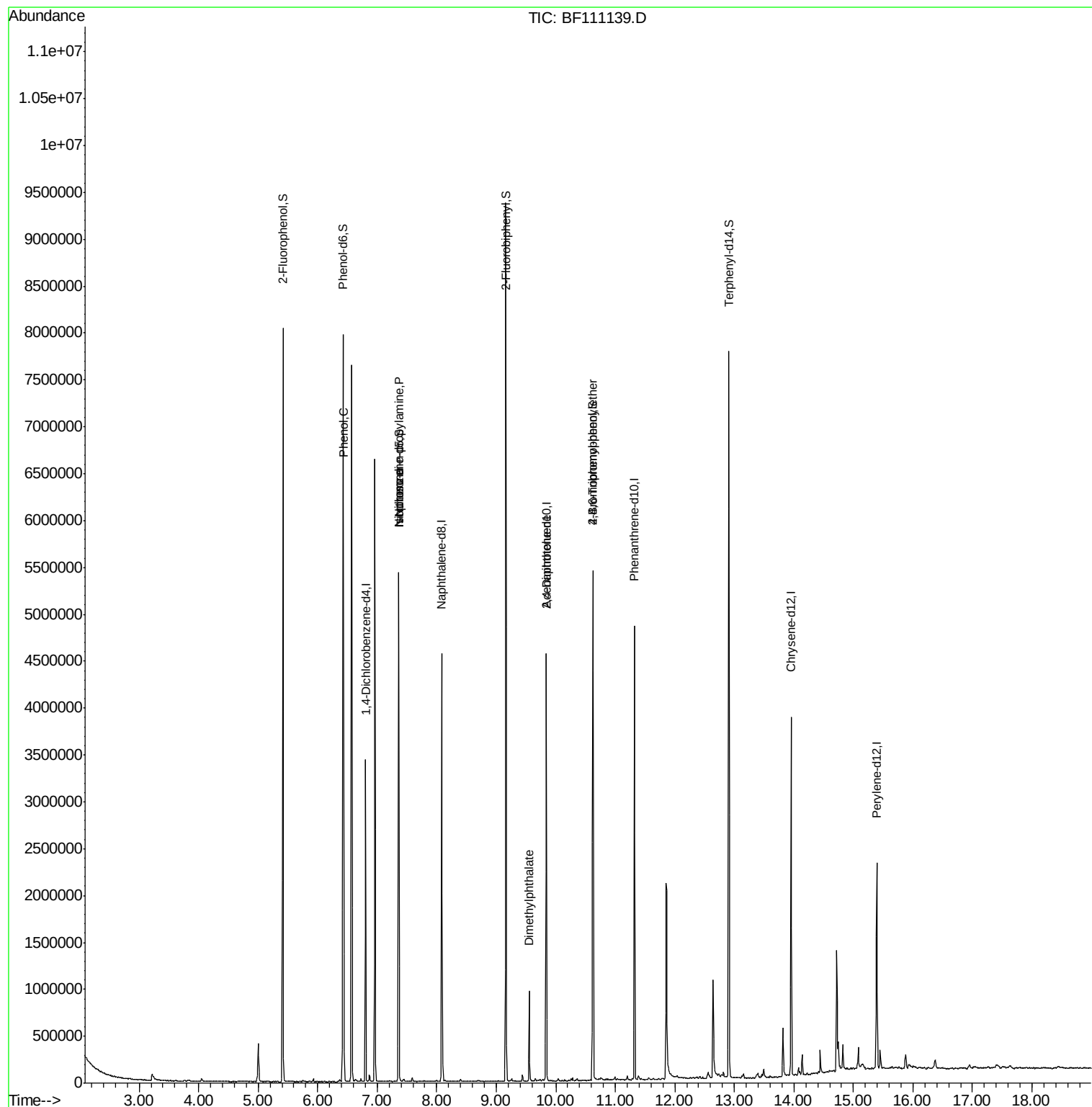
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	432160	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1737763	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	833728	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1512344	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1183058	20.00	ng	-0.01
87) Perylene-d12	15.39	264	921429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1988146	71.79	ng	0.00
7) Phenol-d6	6.43	99	2553435	71.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1559033	53.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	538695	81.29	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2493708	49.33	ng	0.00
79) Terphenyl-d14	12.91	244	2338820	40.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	5999	Below Cal		Qvalue
10) Phenol	6.44	94	180186	4.632 ng	#	4
19) n-Nitroso-di-n-propylamine	7.36	70	208277	8.687 ng	#	74
25) Isophorone	7.36	82	1553997	28.848 ng	#	65
50) Dimethylphthalate	9.56	163	376706	6.492 ng		99
57) 2,4-Dinitrotoluene	9.84	165	111064	6.990 ng	#	23
67) 4-Bromophenyl-phenylether	10.62	248	36822	2.300 ng	#	1

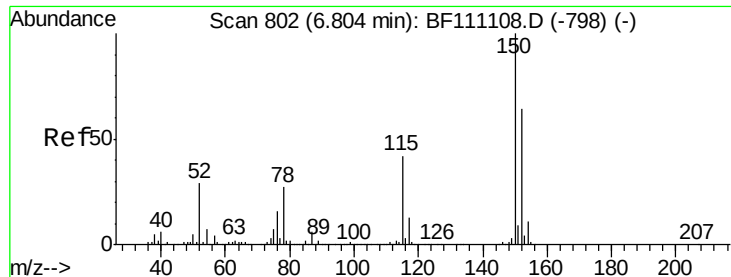
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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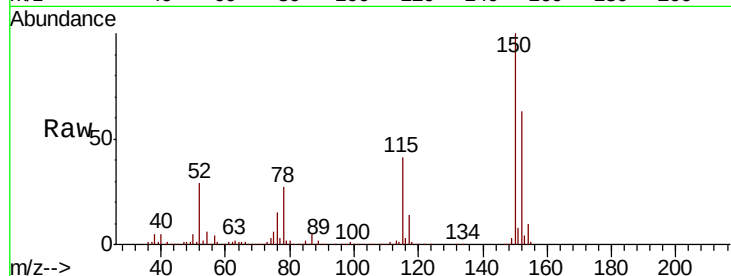


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	432160
Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	187.0
115	64.7	52.2	78.2

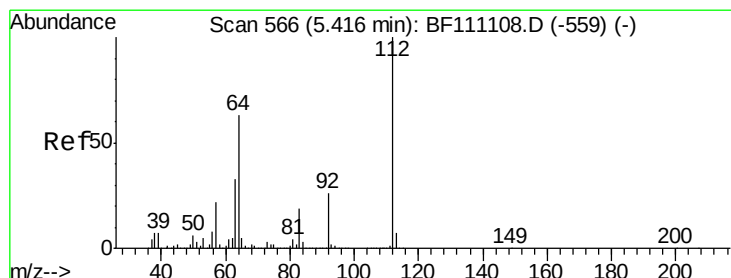
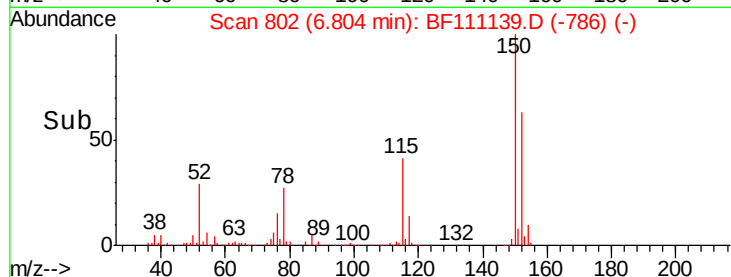
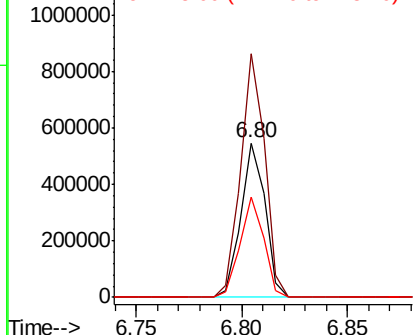


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

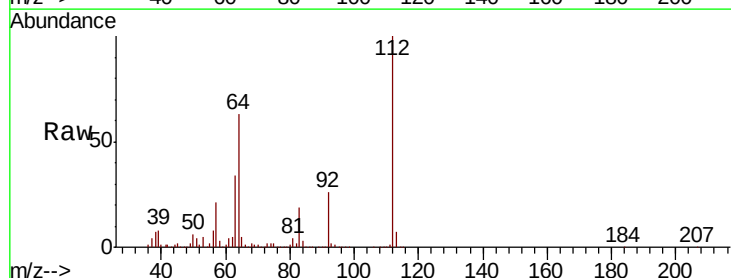
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.789 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion	112	Resp	1988146
Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.2	75.4
63	34.1	26.6	39.8

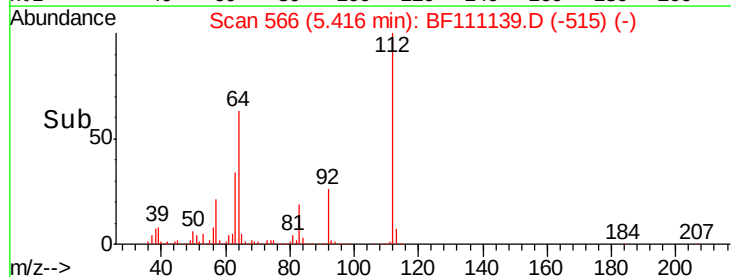
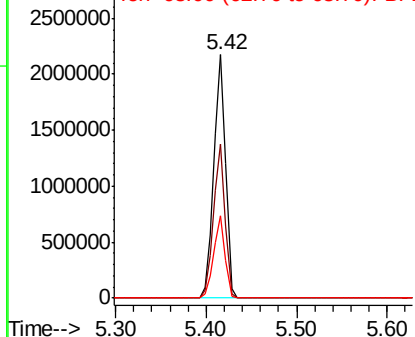


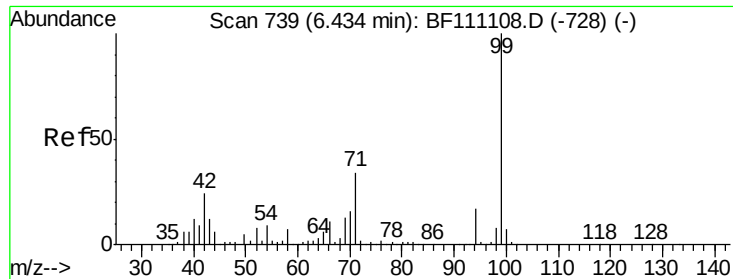
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 71.574 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

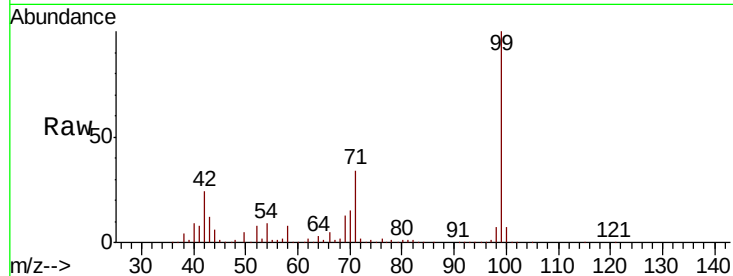
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2553435

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.3	28.9
71	34.1	27.4	41.2

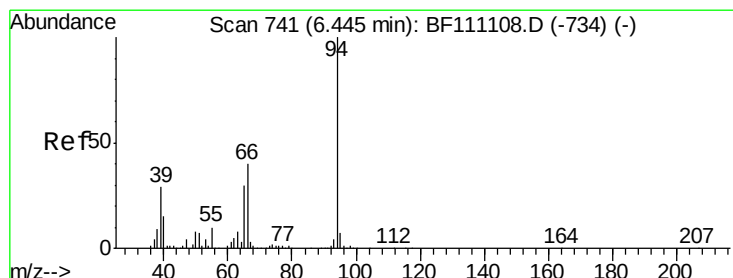
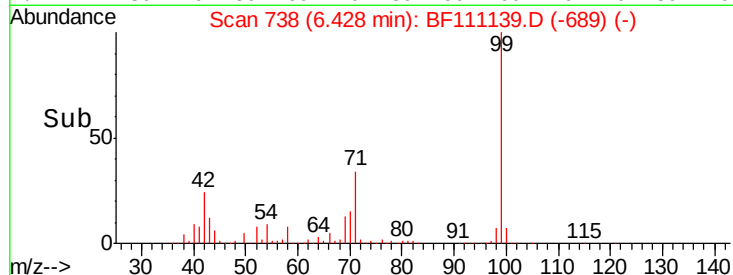
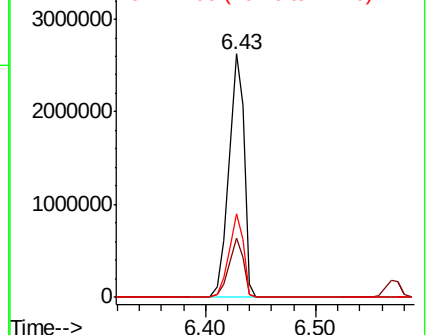


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.632 ng

RT: 6.44 min Scan# 740

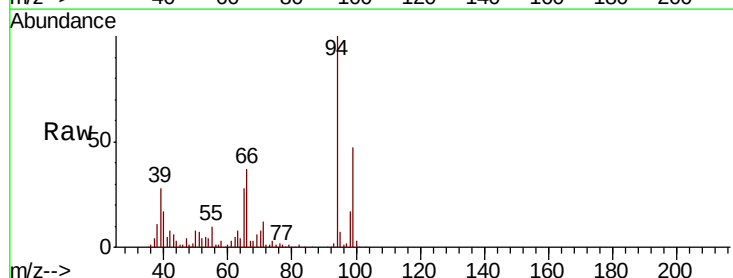
Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

Tgt Ion: 94 Resp: 180186

Ion	Ratio	Lower	Upper
94	100		
65	28.4	10.5	50.5
66	37.1	19.8	59.8

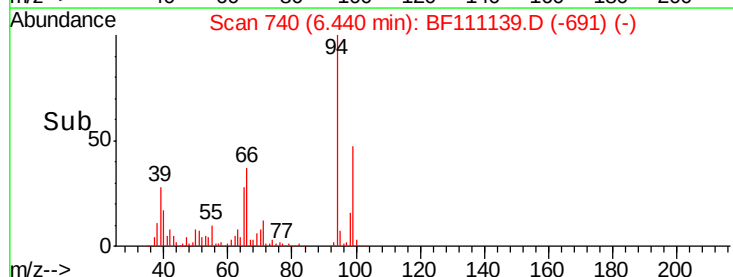
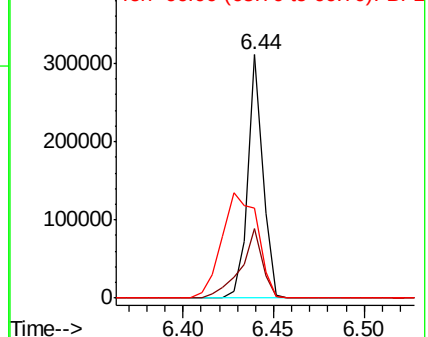


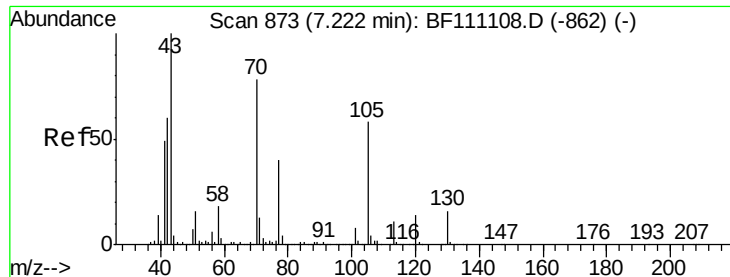
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

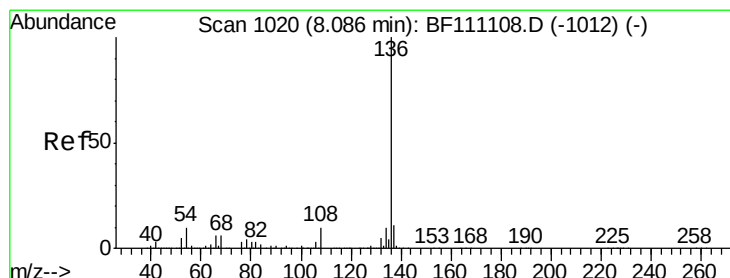
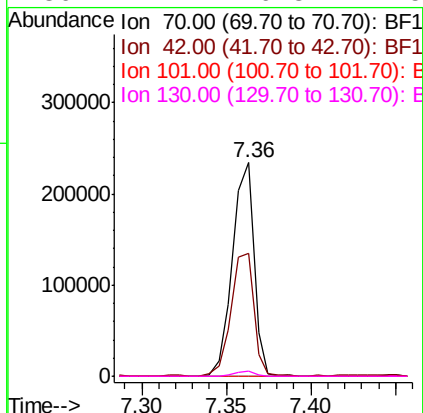
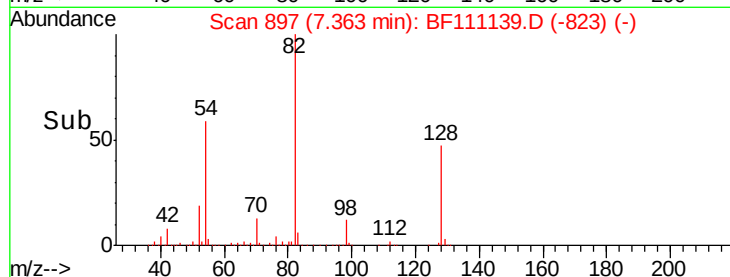
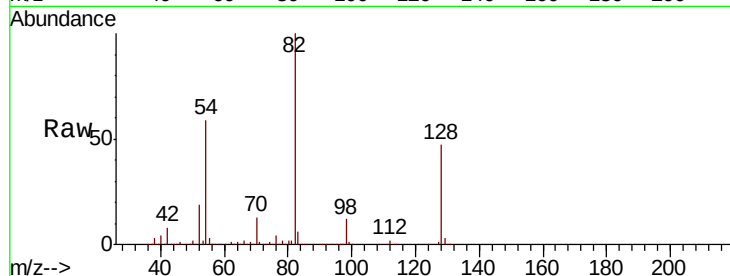




#19
n-Nitroso-di-n-propylamine
Concen: 8.687 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

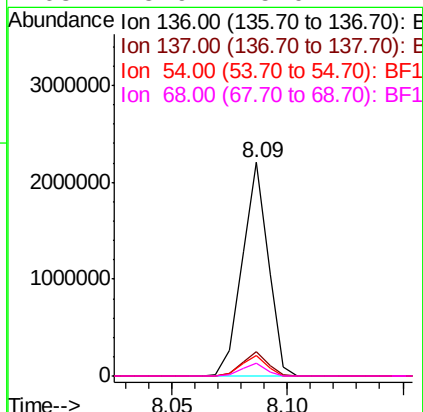
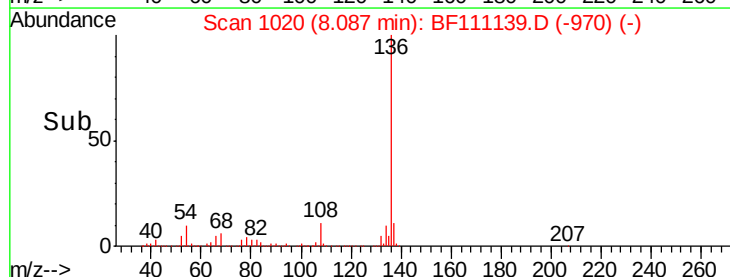
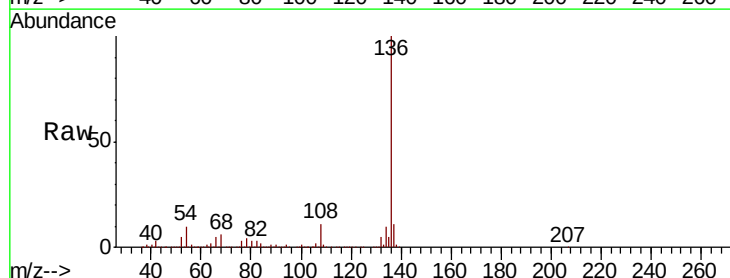
Instrument :
BNA_F
ClientSampleId :

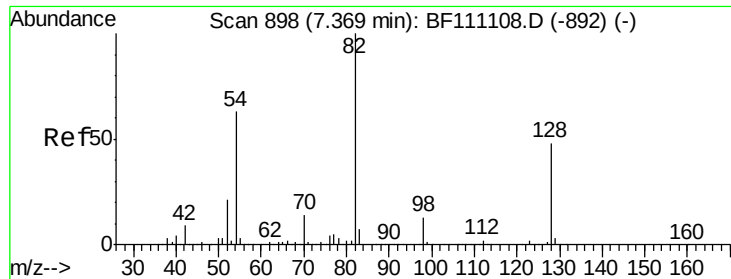
Tot Ion: 70 Resp: 208277
Ion Ratio Lower Upper
70 100
42 57.4 61.3 91.9#
101 0.0 7.7 11.5#
130 2.4 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion:136 Resp: 1737763
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.7 8.4 12.6
68 5.9 5.0 7.4

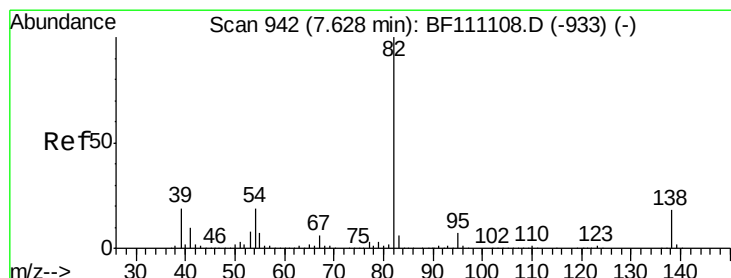
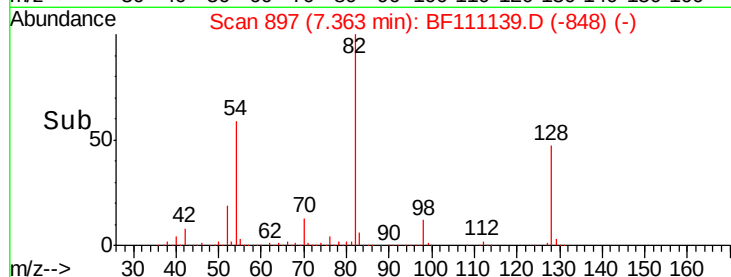
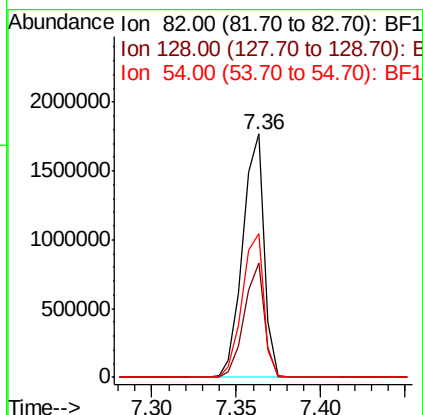
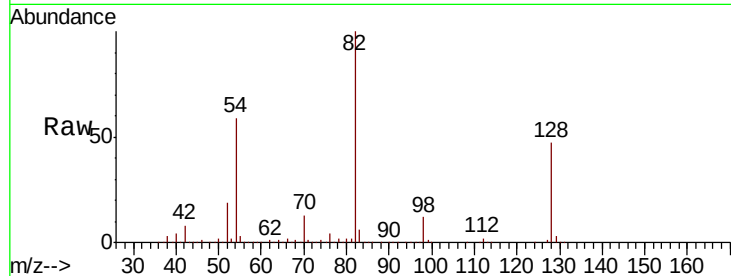




#23
 Nitrobenzene-d5
 Concen: 53.114 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

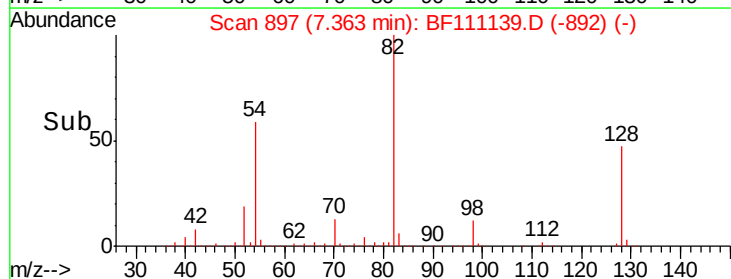
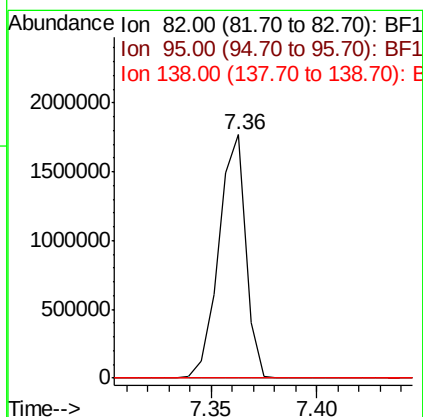
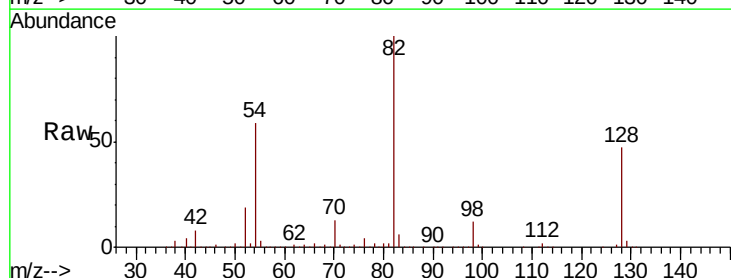
Instrument :
 BNA_F
 ClientSampleId :

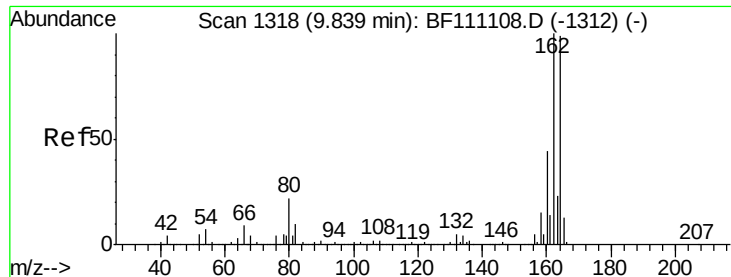
Tot Ion: 82 Resp: 1559033
 Ion Ratio Lower Upper
 82 100
 128 46.9 38.1 57.1
 54 59.2 50.3 75.5



#25
 Isophorone
 Concen: 28.848 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.27 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Tgt Ion: 82 Resp: 1553997
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

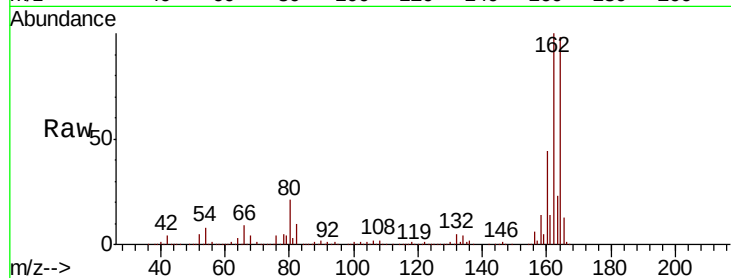




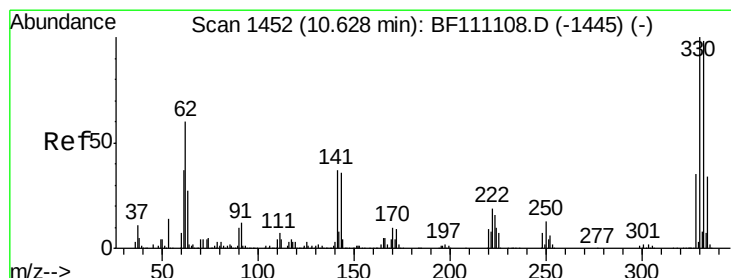
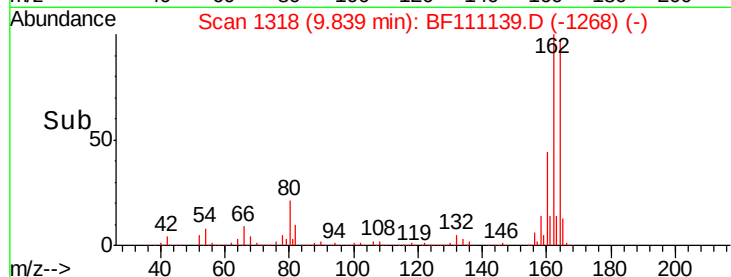
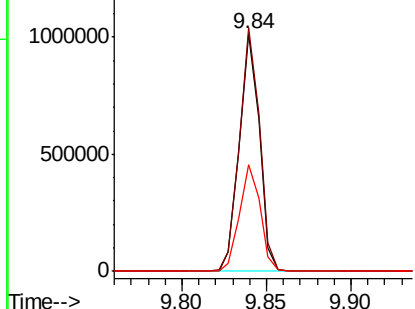
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	120.8
160	44.6	35.5	53.3

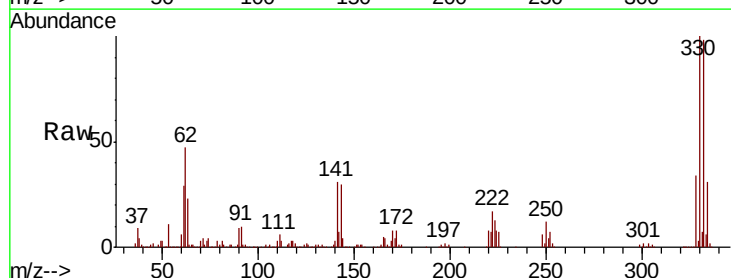


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

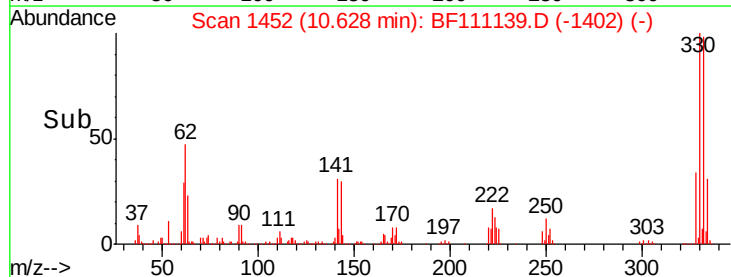
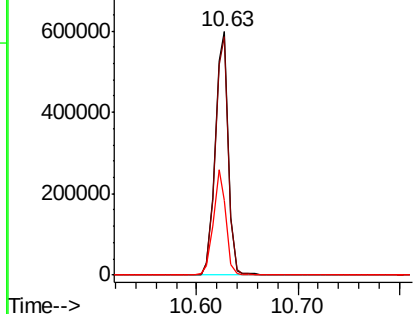


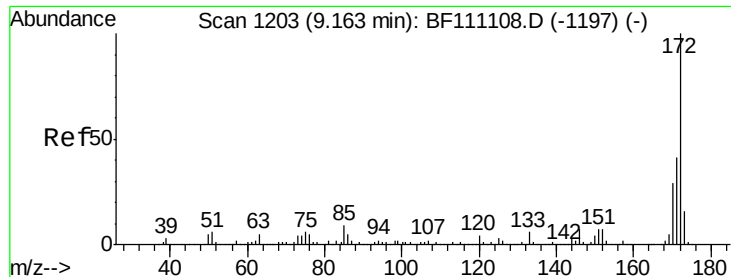
#42
 2,4,6-Tribromophenol
 Concen: 81.286 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.2	115.8
141	41.0	36.1	54.1



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

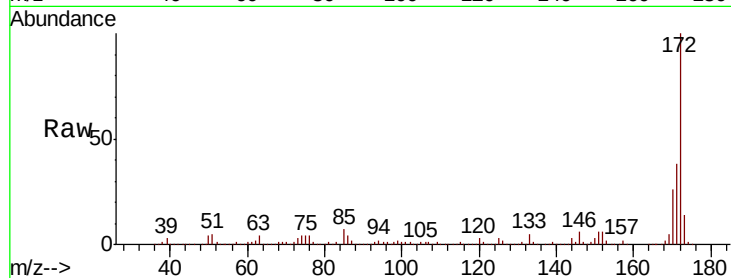




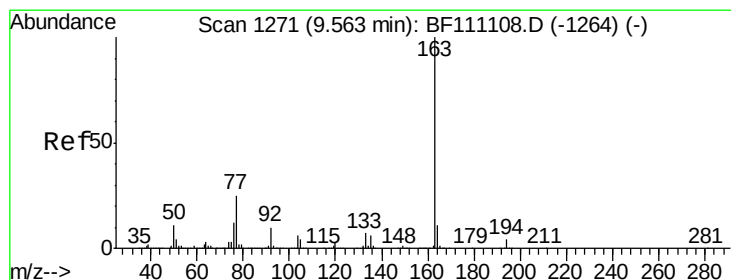
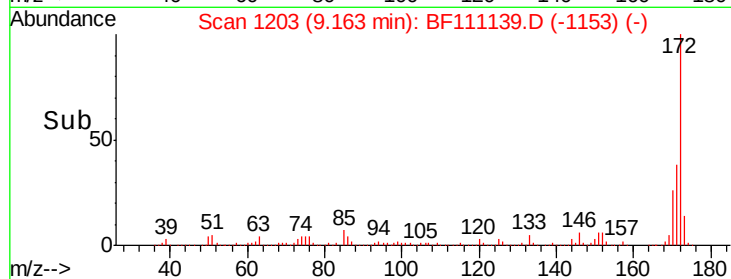
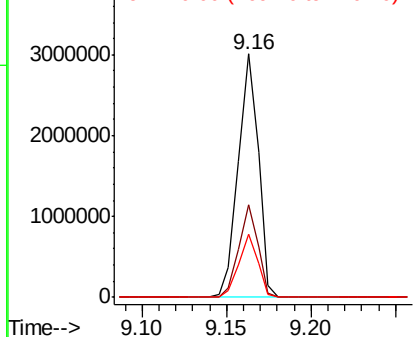
#45
2-Fluorobiphenyl
Concen: 49.334 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2493708
Ion Ratio Lower Upper
172 100
171 38.2 33.2 49.8
170 25.9 22.9 34.3

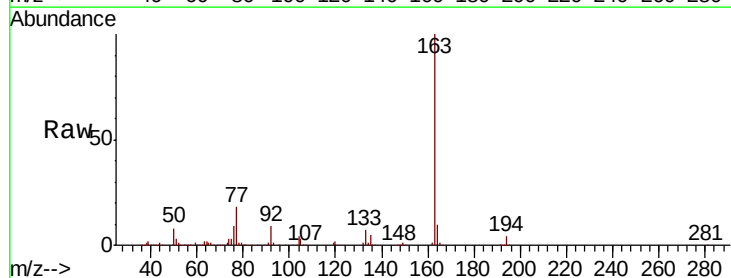


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

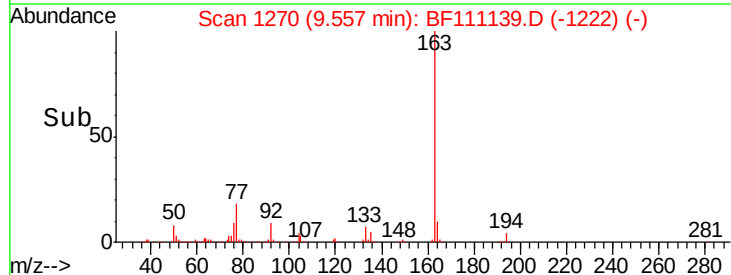
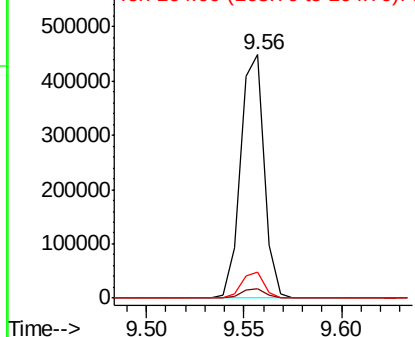


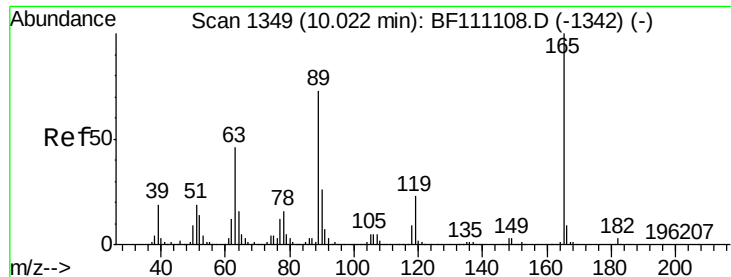
#50
Dimethylphthalate
Concen: 6.492 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion:163 Resp: 376706
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

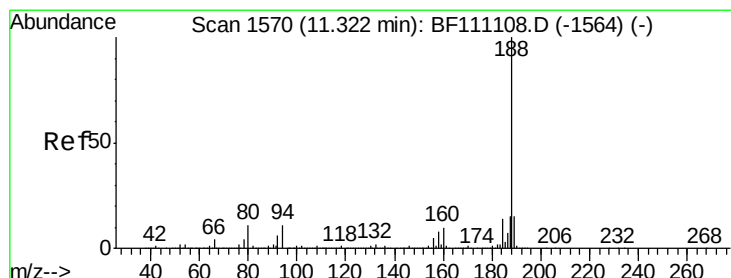
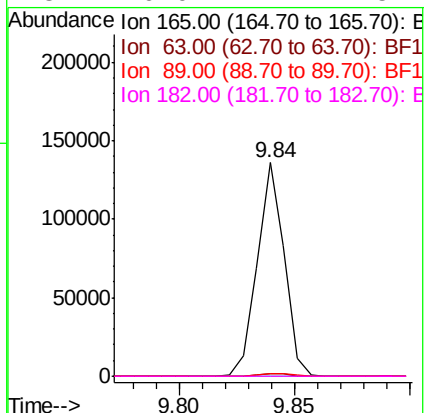
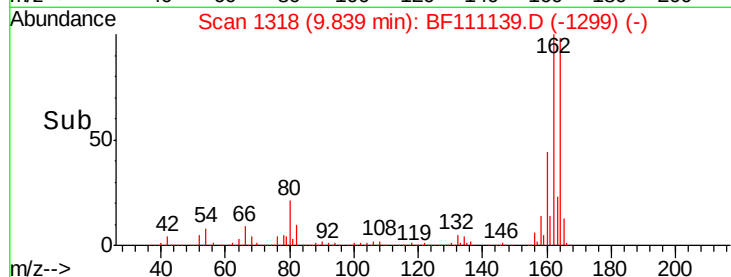
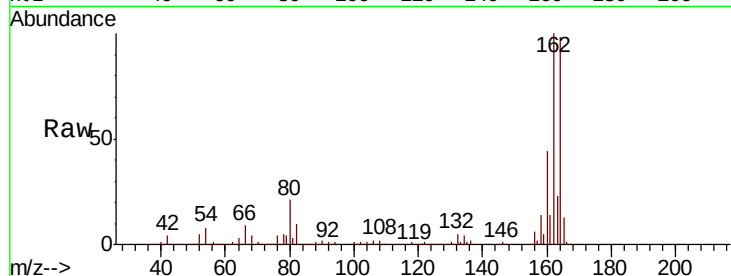




#57
2,4-Dinitrotoluene
Concen: 6.990 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

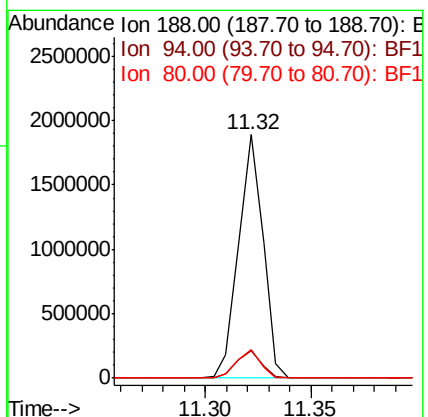
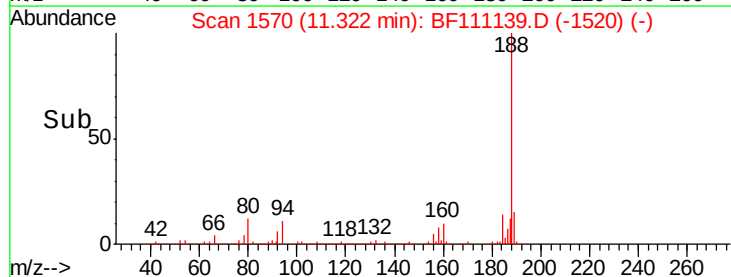
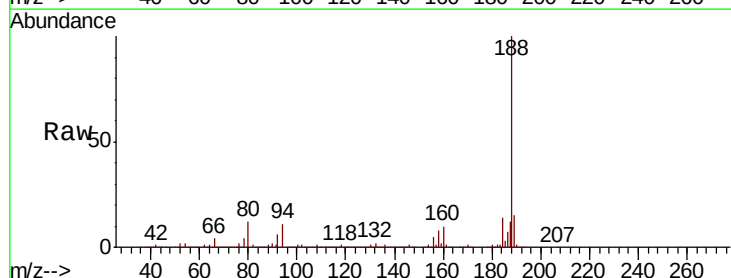
Instrument :
BNA_F
ClientSampleId :

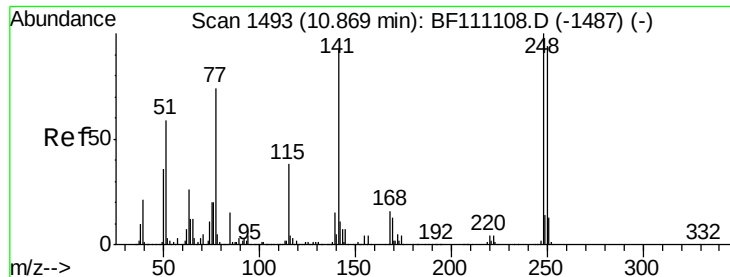
Tot Ion:165 Resp: 111064
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.4 58.4 87.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF111139.D
Acq: 6 Dec 2018 15:35

Tgt Ion:188 Resp: 1512344
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.0 13.6





#67

4-Bromophenyl-phenylether

Concen: 2.300 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

Instrument :

BNA_F

ClientSampleId :

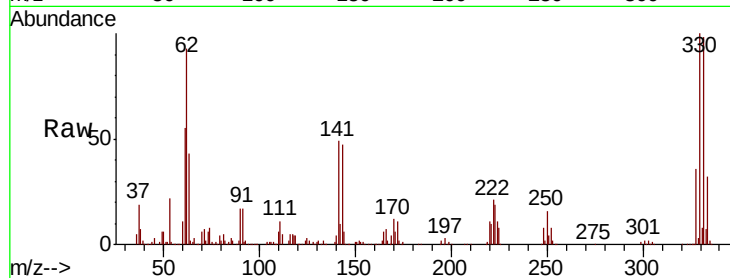
Tot Ion:248 Resp: 36822

Ion Ratio Lower Upper

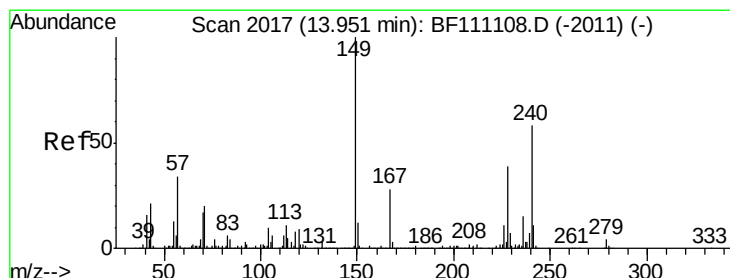
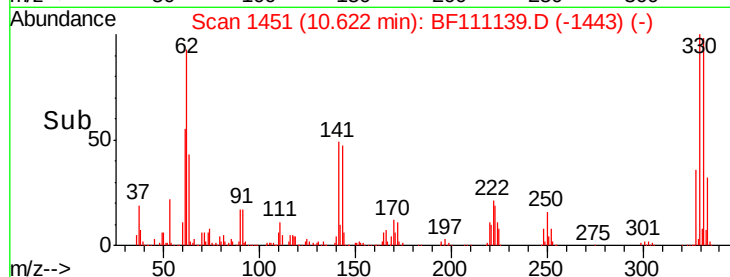
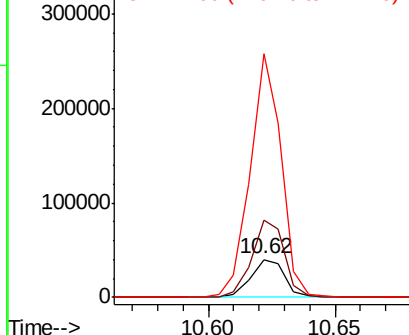
248 100

250 204.1 75.4 113.0#

141 638.4 73.8 110.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF111139.D

Acq: 6 Dec 2018 15:35

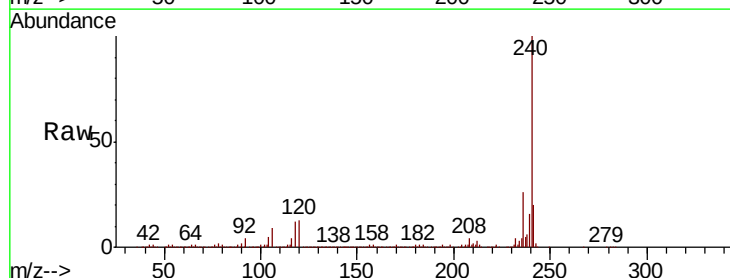
Tgt Ion:240 Resp: 1183058

Ion Ratio Lower Upper

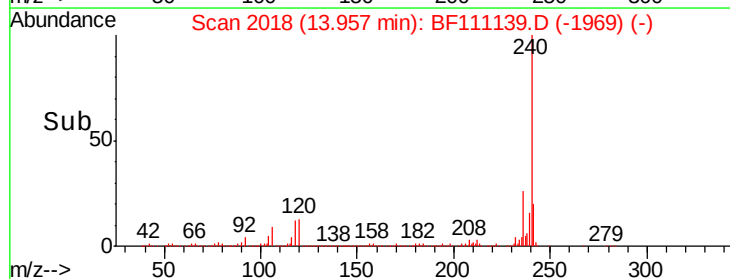
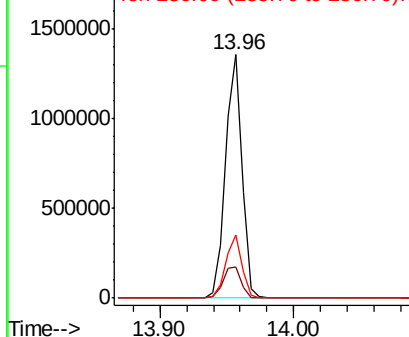
240 100

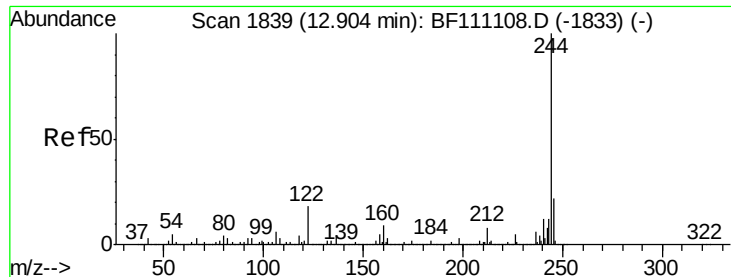
120 12.9 12.8 19.2

236 26.1 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

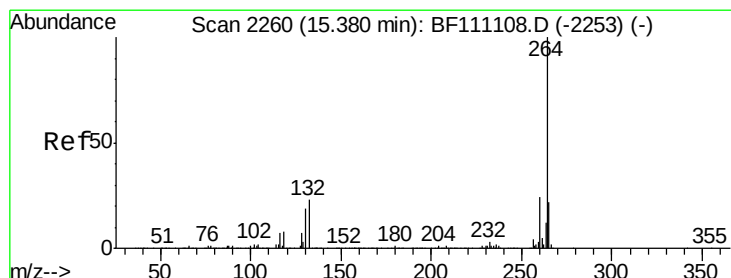
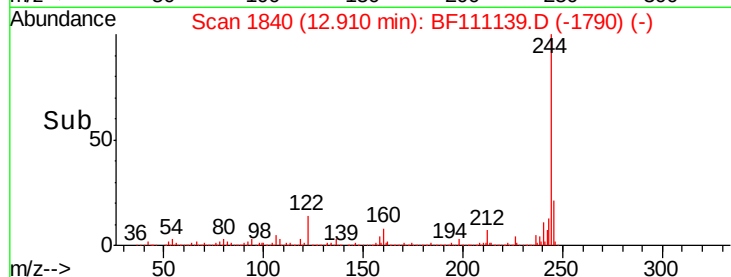
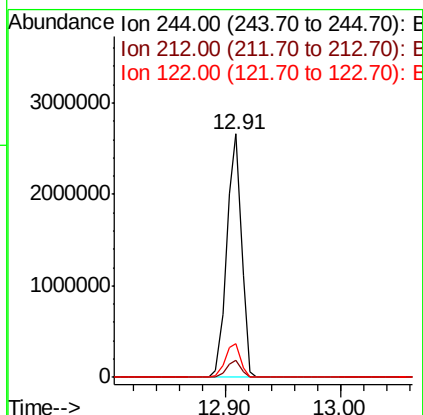
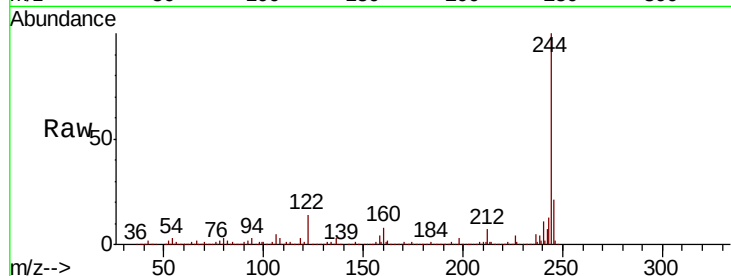




#79
 Terphenyl-d14
 Concen: 40.487 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2338820
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 9.8
 122 13.7 14.2 21.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111139.D
 Acq: 6 Dec 2018 15:35

Tgt Ion:264 Resp: 921429
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 22.2 17.4 26.0

